


52950-2  DO NOT USE FOR NEW DESIGN



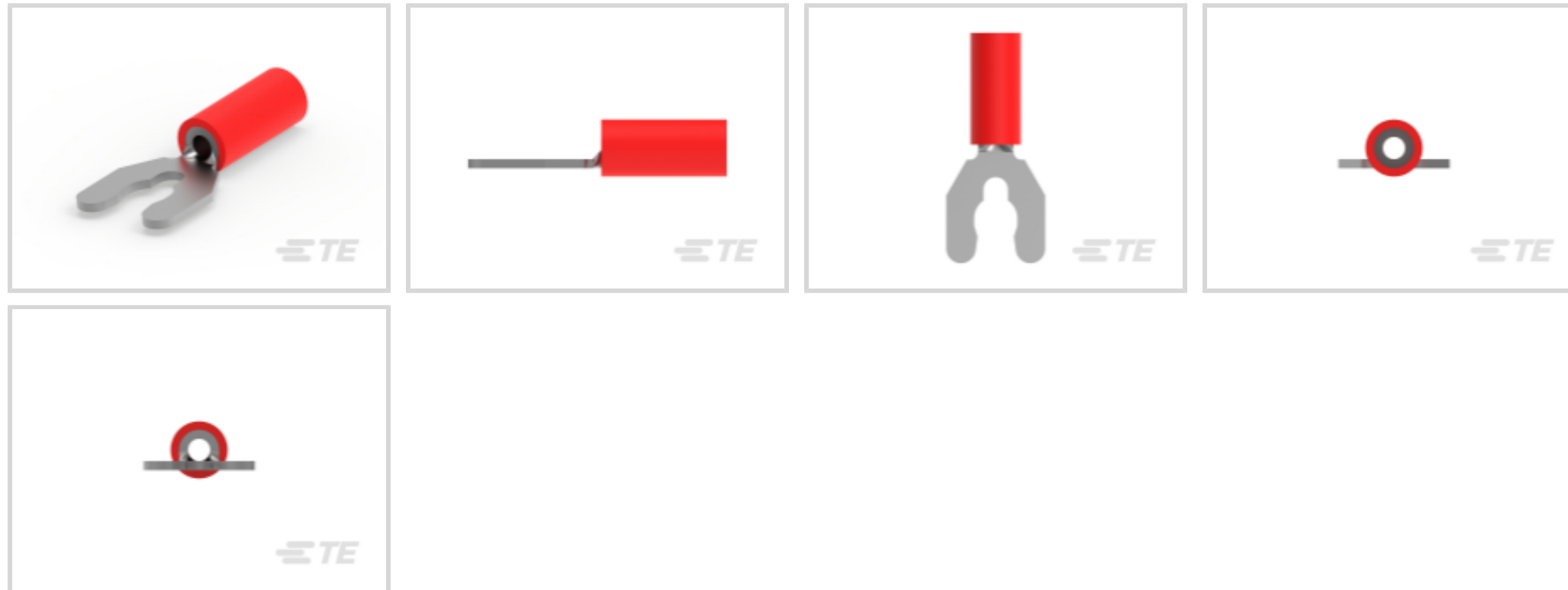
PLASTI-GRIP

TE Internal #: 52950-2

Spring Spade Terminal, 22 – 16 AWG, M4 / #8 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

| | |
|--|--------------------|
| Stud Size | #8, M4 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

| | |
|-------------------------|-----|
| Insulation Sleeve Color | Red |
| Stripe Color | Red |

Contact Features

| | |
|---------------------------|-----------------------|
| Spade Terminal Type | Spring Spade Terminal |
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



Dimensions

| | |
|--------------------------------------|------------------------------|
| Wire Size | 509 – 3260 CMA |
| Stud Diameter | 4.17 mm [.164 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Product Length | 23.39 mm [.921 in] |
| Compatible Insulation Diameter (Max) | 5.08 mm [.2 in] |
| Compatible Insulation Diameter Range | 3.81 – 5.08 mm [.15 – .2 in] |

Usage Conditions

| | |
|-----------------------------|---------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 90 °C [194 °F] |

Operation/Application

| | |
|---------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |

Industry Standards

| | |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 1000 |
| Packaging Method | Loose Piece |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts





Also in the Series | PLASTI-GRIP



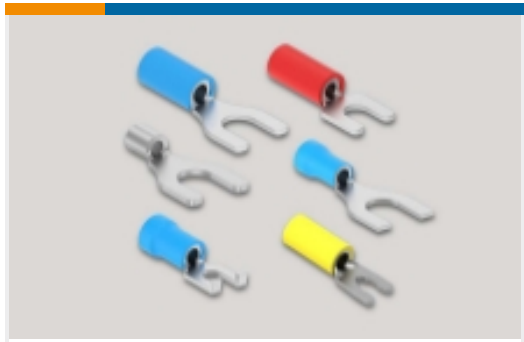
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)



Spade Terminals(198)

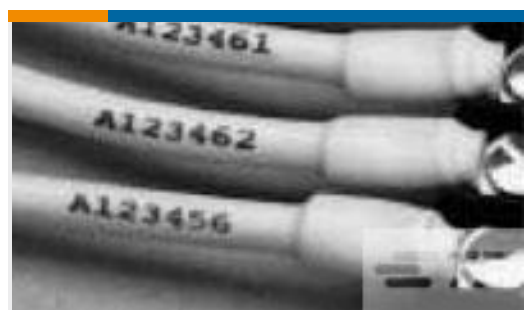


Splices(50)

Customers Also Bought



TE Part #1658543-1
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



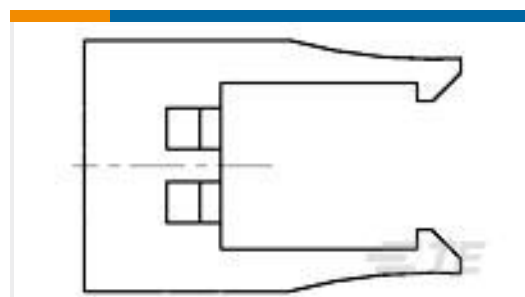
TE Part #F75818-000
RNF-100-MINI-SPL-1/4-BK



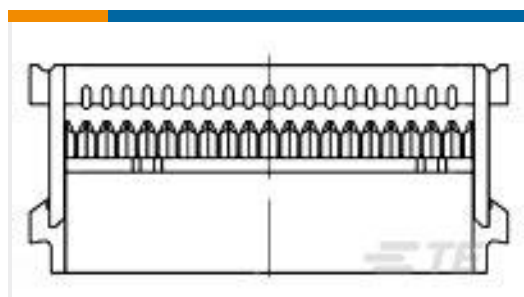
TE Part #926476-3
MOD 4 HSG



TE Part #130554
SOLIS 6 R M6



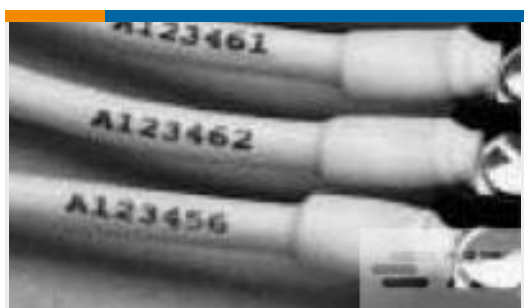
TE Part #926477-1
RETENTION FORK



TE Part #1-1658526-3
609-2041LF FEM SOCKET, LEAD FREE



TE Part #3257456002
RBK-VWS-125-NR2-X-50MM



TE Part #5053252024
RNF-100-3/4-2-STK



TE Part #0298696001
DWFC-8/2-X-STK



Documents

Product Drawings

[PG SPR SPD 22-16COMM22-18MIL 8](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_52950-2_R.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_52950-2_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52950-2_R.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[LARGE EXPANSION PRODUCTS \(FOR WIRE INSTULATION WITH 1/16" AND 5/64" WA](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English